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UTILITY S PATENT APPLICATION TRANSMITTAL

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LITY PPLICATION MITTAL	Attorney Docket No.	671302-2004
	First Inventor	SHIRAI et al.
	Title RAT HIGHLY SENSITIVE TO CARCINOGEN	
	Express Mail Label No.	EV 385/1/817 US

(Only new nonprovisional applications under 37 CFR 1.53(b)) APPLICATION ELEMENTS Addressed to: **Mail Stop Patent Application Commissioner for Patents** See MPEP chapter 600 concerning utility patent application contents. P.O. Box 1450 Alexandria, VA 22313-1450 CD-ROM or CD-R in duplicate, large table Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) or Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages 13] Computer Readable Form (CFR) (preferred arrangement set forth below) a. - Descriptive title of the invention b. Specification sequence Listing on: - Cross References to Related Applications CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix. Statements verifying identity of above copies - Background of the Invention **ACCOMPANYING APPLICATION PARTS** - Brief Summary of the Invention Assignment Papers (cover sheet & documents(s)) - Brief Description of the Drawings (if filed) - Detailed Description 10. 37 CFR 3.73(b) Statement Power of - Claim(s) (when there is an assignee) Attorney - Abstract of the Disclosure Power of Attorney 4. Drawing(s)(35 U.S.C. 113) [Total Sheets 4] 11. English Translation Document (if applicable) 5. Oath or Declaration [Total Pages 3] Copies of IDS Information Disclosure Newly executed (original or copy) Statement (IDS)/PTO-1449 Citations Copy from a prior application (37 CFR 1.63(d)) b. 13. Preliminary Amendment (for continuation/divisional with Box 18 completed) 14 Return Receipt Postcard (MPEP 503) **DELETION OF INVENTOR(S)** (Should be specifically itemized) Signed statement attached deleting inventor(s) Certified Copy of Priority Document(s) 15. named in the prior application, see 37 CFR (if foreign priority is claimed) 1.63(d)(2) and 1.33(b). Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). 16. Application Data Sheet. See 37 CFR 1.76. Applicant must attach from PTO/SB/35 or its equivalent. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: PCT/JP02/08373 filed August 20, 2002 Examiner: ____ Prior application information: Group/Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number 20999 Correspondence address below Name Thomas J. Kowalski Address Frommer Lawrence & Haug LLP, 745 Fifth Avenue City New York State Zip Code 10151 Country USA Telephone (212) 588-0800 (212) 588-0500 Fax Name (Print/Type) homas 32,142 Kowa Registration No. (Attorney/Agent) Signature Date February 23, 2004

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FEE TRANSMITTAL for FY 2003 Effective 01/01/2003. Patent fees are subject to annual revision.

Complete if Known **Application Number** Filing Date First Named Inventor Tomoyuki SHIRAI et al. **Examiner Name**

Attorney Docket No. 671302-2004 TOTAL AMOUNT OF PAYMENT (\$)770.00METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) 3. ADDITIONAL FEES Check Credit Card Money Order Other None **Large Entity Small Entity** Deposit Account: Fee Deposit Code ode Fee Description 50-0320 Account Number Fee Paid Deposit 1051 130 2051 65 Surcharge - late filing fee or oath Frommer Lawrence & Haug LLP Account Surcharge - late provisional filing fee or 1052 50 2052 25 Cover sheet The Commissioner is authorized to: (check all that apply) 1053 Non-English specification 1053 130 130 Charge fee(s) indicated below Credit any overpayments 1812 2.520 1812 2.520 For filing a request for ex parte reexamination Requesting publication of SIR prior to Charge any additional fee(s) during the pendency of this application 1804 9201 1804 9201 Examiner action Charge fee(s) indicated below, except for the filing fee to the above-Requesting publication of SIR after 1805 1.840* 1805 1,840* identified deposit account. Examiner action **FEE CALCULATION** Extension for reply within first month 1251 110 2251 55 1. BASIC FILING FEE 1252 420 2252 210 Extension for reply within second month 1253 950 2253 475 Extension for reply within third month Small Entity Large Entity 1254 1480 2254 740 Extension for reply within fourth month Fee Fee Fee Description Fee Paid 1255 2010 2255 1005 Extension for reply within fifth month Code Code S 1401 330 2401 165 Notice of Appeal 770 385 1001 2001 Utility filing fee \$770.00 1402 330 2402 165 Filing a brief in support of an appeal 1002 340 2002 170 Design filing fee 1403 290 2403 145 Request for oral hearing 1003 530 2003 265 Plant filing fee 1451 1.510 1451 1,510 Petition to institute a public use proceeding 1004 770 2004 385 Reissue filing fee Provisional filing fee 1005 2005 80 1452 110 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$)770.00 1453 1330 2453 665 Petition to revive-unintentional 1501 1330 2501 665 Utility issue fee (or reissue) 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1502 480 2502 240 Design issue fee Fee from 1503 640 2503 320 Plant issue fee Extra Claims below Fee Paid 9 -20** = Total Claims 0 X 1460 130 1460 130 Petitions to the Commissioner Independent 1807 50 1807 50 Processing fee under 37 CFR 1.17(g) 2 0 Χ Claims Multiple Dependent 1806 180 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per 8021 40 8021 40 Large Entity **Small Entity** property (times number of properties) Filing a submission after final rejection 1809 770 2809 385 Fee Fee Fee Description Fee (37 CFR 1.129(a)) Code Code S For each additional invention to be 770 1810 2810 385 examined (37 CFR 1.129(b)) 1202 18 2202 Claims in excess of 20 1801 770 2801 385 Request for continued examination(RCE) 1201 2201 43 Independent claims in excess of 3 1802 900 1802 900 Request for expedited examination of a design application 1203 290 2203 145 Multiple dependent claim, if not paid Other fee (specify) 1204 2204 43 Reissue independent claims over original 1205 18 2205 Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) SUBTOTAL (3) (\$) ** or number previously paid, if greater; For Reissues, see above * Reduced by Basic Filing Fee SUBMITTED BY Complete (if applicable) Registration No. Name (Print/Type) Thomas J. Kowalski 32,147 Telephone (212) 588-0800 (Attorney/Agent) Thomas H Signature

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Date

CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION

Attorney Docket No.:

671302-2004

Title

RAT HIGHLY SENSITIVE TO CARCINOGEN

Filed

: Herewith

Applicants

Tomoyuki SHIRAI, et al.

Mailed: February 23, 2004 via "Express Mail Label # EV 385414817 US

I hereby certify that the Patent Application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

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Enclosed:

Utility Patent Application (total 13 pages, specification pages 1-10, claims

pages 10-11, abstract page 12) Sequence Listing (6 pages) 4 Sheet of Figures (Figures 1-5)

Utility Patent Application Transmittal

Fee Transmittal

Declaration and Power of Attorney (unsigned)

Check Number 030573 in the amount of \$770.00 (to cover filing fee) Forms PCT/RO/105, PCT/ISA/202, PCT/ISA/210, 220, PCT/IB/301, 304, 306, 308, PCT/RO/101, PCT/IPEA/416, 409, EPO Form 1201

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